

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

A wireless ad hoc network is established so that communication terminals performing random access do not interfere with one another. A radio communication device grasps the existence of a surrounding radio communication device ~~[[by]]~~ using a predetermined method. ~~When,~~ and when a new radio communication device is detected, an authentication verification operation of the new radio communication device is performed. ~~[[If]]~~ When the authentication is successful, the new radio communication device is registered in a neighbor connection list. If the authentication fails, it is registered in a neighbor non-connection list. As a result, the wireless ad hoc network can be established without having the radio communication devices sharing the same space interfering with one another.